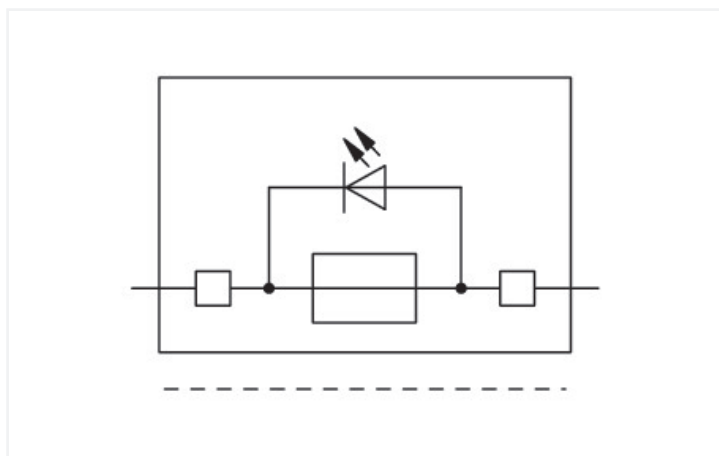
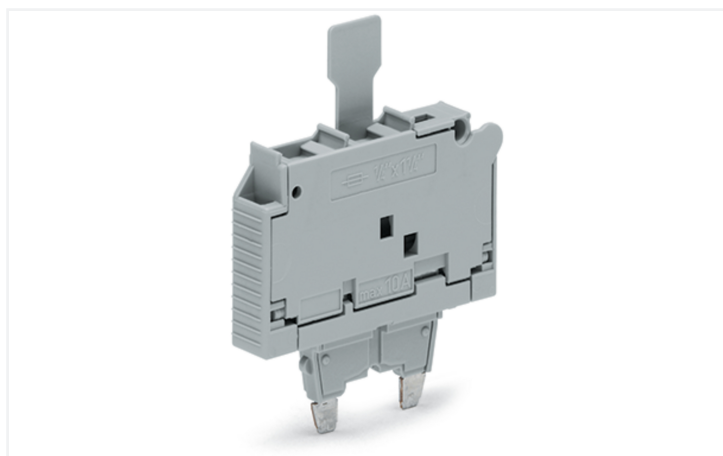


Data Sheet | Item Number: 2006-931/1000-541

Fuse plug; with pull-tab; for glass cartridge fuse 1/4" x 1 1/4"; with indicator lamp; 12 - 30 V; 7.4 mm wide; gray

<https://www.wago.com/2006-931/1000-541>



Color: ■ gray

Similar to illustration

Fuse plug, 2006 Series, gray

Easy electrical installations are guaranteed with this fuse plug (item number 2006-931/1000-541).

Electrical data

Ratings per IEC/EN

Nominal voltage (III/3)	800 V
Rated current	10 A
Operation status indicator	12 ... 30 V
Blown fuse indication	with indicator lamp

Ratings per IEC/EN – Notes

Ratings (note)	Electrical ratings are given by the fuse and blown fuse indication.
Rated current (note)	Leakage current in case of a blown fuse: LED 2 mA

Ratings per	IEC/EN 60947-7-3		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	30 V	-	-
Rated impulse withstand voltage	0.8 kV	-	-
Rated current	-	-	-

Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	30 V	30 V	-
Rated current	15 A	15 A	-

Approvals per	CSA 22.2 No 158		
Use group	B	C	D
Rated voltage	600 V	600 V	-
Rated current	15 A	15 A	-

Power Loss	
Power loss (max.) $P_{I(max)}$ (note)	When selecting glass cartridge fuses, make sure that the maximum power loss listed below is not exceeded. The power loss is determined according to IEC or EN 60947-7-3/VDE 0611-6 at 23°C. The temperature rise of the terminal block must be checked according to their application and mounting. Higher ambient temperatures represent an additional impact on miniature fuses. Therefore, in such applications, the rated current must be reduced if necessary. More details are available from the manufacturers.

General information

Fuse type	Cylindrical fuse; ¼" x 1¼"
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Physical data

Width	7.4 mm / 0.291 inches
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Mechanical data

Marking level	Center marking
---------------	----------------

Material data

Note (material data)	Information on material specifications can be found here
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Color	gray
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Material group	I
----------------	---

Insulation material (main housing)	Polyamide (PA66)
------------------------------------	------------------

Flammability class per UL94	V0
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Fire load	0.111 MJ
-----------	----------

Weight	6.8 g
--------	-------

Environmental requirements

Continuous operating temperature	-60 ... +105 °C
----------------------------------	-----------------

Environmental Testing

Test specification: Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06
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Test procedure: Railway applications – Rolling stock equipment – Vibration and shock tests	DIN EN 61373 (VDE 0115-0106):2011-04
---	--------------------------------------

Spectrum/Mounting location	Service life test, Category 1, Class A/B
----------------------------	--

Functional test with noise-like oscillations	Test passed according to Section 8 of the standard
--	--

Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
-----------	--

Acceleration	0.101g (highest test level used for all axes)
--------------	---

Test duration per axis	10 min.
------------------------	---------

Test directions	X, Y and Z axes
-----------------	-----------------

Monitoring of contact faults and interruptions	Passed
--	--------

Voltage drop measurement before and after each axis	Passed
---	--------

Simulated service life test through increased levels of noise-like oscillations	Test passed according to Section 9 of the standard
---	--

Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
-----------	--

Acceleration	0.572g (highest test level used for all axes)
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Test duration per axis	5 h
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Test directions	X, Y and Z axes
-----------------	-----------------

Extended testing: Monitoring of contact faults and interruptions	Passed
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Extended testing: Voltage drop measurement before and after each axis	Passed
---	--------

Shock test	Test passed according to Section 10 of the standard
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Shock pulse form	Half sine
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Acceleration	5g (highest test level used for all axes)
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Shock duration	30 ms
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Number of shocks (per axis)	3 pos. und 3 neg.
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Environmental Testing

Test directions	X, Y and Z axes
Extended testing: Monitoring of contact faults and interruptions	Passed
Extended testing: Voltage drop measurement before and after each axis	Passed
Vibration and shock stress for rolling stock equipment	Passed

Commercial data

Product Group	22 (TOPJOB S)
PU (SPU)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454820893
Customs tariff number	85366990990

Product Classification

UNSPSC	39121626
eCl@ss 10.0	27-14-11-49
eCl@ss 9.0	27-14-11-49
ETIM 9.0	EC002018
ETIM 10.0	EC002018
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

CAS-No.	1303-86-2 1317-36-8 7439-92-1
REACH Candidate List Substance	Diboron trioxide Lead Lead monoxide
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(c)-I
SCIP notification number (Austria)	4cf79648-9093-43c0-8d3a-c1eed3452fa8
SCIP notification number (Belgium)	f764b39e-df6b-46d6-9927-42f8b254fc80
SCIP notification number (Bulgaria)	caf0a164-3c23-4511-bc42-7888aafe5121
SCIP notification number (Czech Republic)	9e06c12b-20e8-482d-99d7-8a0e2b9dd458
SCIP notification number (Denmark)	37c6b190-8246-44ee-b40d-0623b1022c20
SCIP notification number (Finland)	db8274fe-f1fd-4416-8654-24a1661f305d
SCIP notification number (France)	cf92069c-9006-453e-9293-d5c88aee2f0
SCIP notification number (Germany)	cf6b413c-62ee-4f9d-a07a-8724277f68c6
SCIP notification number (Hungary)	0988d150-bc2e-41c0-9d55-028a5e8d391a
SCIP notification number (Italy)	82723aba-685d-4e44-9c66-655de63fb131
SCIP notification number (Netherlands)	25b4315a-509a-4e91-8eaf-d6a89a740be6
SCIP notification number (Poland)	bcf2431d-6d6d-4437-bd6a-133241e6cbba
SCIP notification number (Romania)	d2d002aa-9e0d-4af8-ba78-aa73ffb7cfd
SCIP notification number (Sweden)	0f5bc62a-d7ae-42f2-ac76-3c17af74e6c6

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CSA CSA Group	C22.2 No. 158	1543858
UR Underwriters Laboratories Inc.	UL 1059	E45172

Declarations of conformity and manufacturer's declarations



Approval	Standard	Certificate Name
Railway WAGO GmbH & Co. KG	-	Railway Ready

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2006-931/1000-541	↓
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Documentation

Bid Text

2006-931/1000-541	19.02.2019	xml 3.00 KB	↓
2006-931/1000-541	07.08.2018	docx 14.06 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models 2006-931/1000-541	↓
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CAE data

WSCAD Universe 2006-931/1000-541	↓
ZUKEN Portal 2006-931/1000-541	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Jumper

1.1.1.1 Jumper



Item No.: 281-503

Short circuit jumper; for fuse holder; silver-colored

1.1.2 Marking

1.1.2.1 Marker



Item No.: 793-5501/000-006

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue

Item No.: 793-5501/000-014

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown

Item No.: 793-5501/000-007

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray

Item No.: 793-5501/000-023

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green



Item No.: 793-5501/000-017

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green

Item No.: 793-5501/000-012

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange

Item No.: 793-5501/000-005

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red

Item No.: 793-5501/000-024

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet



Item No.: 793-5501

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white

Item No.: 793-5501/000-002

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

Item No.: 794-5615

WMB marking card; as card; MARKED; F1, ..., F10 (10x); stretchable 5 - 5.2 mm; Vertical marking; snap-on type; white

Item No.: 794-5616

WMB marking card; as card; MARKED; F11, ..., F20 (10x); stretchable 5 - 5.2 mm; Vertical marking; snap-on type; white



Item No.: 794-5617

WMB marking card; as card; MARKED; F21, ..., F30 (10x); stretchable 5 - 5.2 mm; Vertical marking; snap-on type; white

Item No.: 794-5618

WMB marking card; as card; MARKED; F31, ..., F40 (10x); stretchable 5 - 5.2 mm; Vertical marking; snap-on type; white

Item No.: 794-5619

WMB marking card; as card; MARKED; F41, ..., F50 (10x); stretchable 5 - 5.2 mm; Vertical marking; snap-on type; white

Item No.: 793-501/000-006

WMB marking card; as card; not stretchable; plain; snap-on type; blue



Item No.: 793-501/000-007

WMB marking card; as card; not stretchable; plain; snap-on type; gray

Item No.: 793-501/000-023

WMB marking card; as card; not stretchable; plain; snap-on type; green

Item No.: 793-501/000-017

WMB marking card; as card; not stretchable; plain; snap-on type; light green

Item No.: 793-501/000-012

WMB marking card; as card; not stretchable; plain; snap-on type; orange



Item No.: 793-501/000-005

WMB marking card; as card; not stretchable; plain; snap-on type; red

Item No.: 793-501/000-024

WMB marking card; as card; not stretchable; plain; snap-on type; violet

Item No.: 793-501

WMB marking card; as card; not stretchable; plain; snap-on type; white

Item No.: 793-501/000-002

WMB marking card; as card; not stretchable; plain; snap-on type; yellow



Item No.: 2009-115/000-006

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue

Item No.: 2009-115/000-007

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray

Item No.: 2009-115/000-023

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

Item No.: 2009-115/000-017

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green



Item No.: 2009-115/000-012

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange

Item No.: 2009-115/000-024

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet

Item No.: 2009-115

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

Item No.: 2009-115/000-002

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

1.1.2.2 Marking strip



Item No.: 2009-110

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

1.1.3 Screwless end stop

1.1.3.1 Mounting accessories



Item No.: 249-117

Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray



Item No.: 249-116

Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

1.1.4 Terminal blocks

1.1.4.1 Carrier terminal block for modules and plugs



Item No.: 2006-1664

2-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 6 mm²; Push-in CAGE CLAMP®; 6,00 mm²; blue

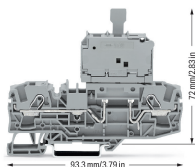


Item No.: 2006-1661

2-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 6 mm²; Push-in CAGE CLAMP®; 6,00 mm²; gray

Installation Notes

Installation



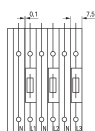
Fuse plug dimensions

Pivoting fuse holder with spare fuse holder

Installation



The end plate ensures that the fuse can only be removed when the fuse plug is pulled out.



Open side of terminal block left

When using 10.4 mm wide plugs, please note:
The extra width of the plug (10.4 mm compared to 7.5 mm for carrier terminal blocks) must be compensated for with intermediate plates (2.9 mm) when building an assembly of carrier terminal blocks equipped with fuse plugs.

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: www.wago.com